

10/518874
Docket No. 93537
DTOM Rec'd PCT/PTC 21 DEC 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Roth Group Art Unit: To Be Assigned
Serial No.: To Be Assigned Examiner: To Be Assigned
For: Digitally Controlled Oscillator Filed: (Herewith) December 21, 2004

INFORMATION DISCLOSURE STATEMENT

- [X] 1 Pursuant to 37 CFR 1.97(b)
[within 3 months of filing or prior to 1st Office Action]
- [] 2 Certification Pursuant to 37 CFR 1.97(c)
[before Final Office Action or Allowance]
- [] 3 Fee Payment Pursuant to 37 CFR 1.97(c)
[before Final Office Action or Allowance]
- [] 4 Petition, Certification & Petition Fee Payment Pursuant to 37 CFR 1.97(d)
[before issue fee payment]

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

SIR:

The following are submitted in the above identified application in compliance with 37 CFR 1.97 & 1.98:

- [X] 5 A list of documents on Form PTO-1449 together with copies of each identified document and a translation or a concise explanation of each non-English language document is enclosed herewith.

This paper is submitted in accordance with:

- [X] 6 37 CFR 1.97(b): [within 3 months of filing or prior to 1st Office Action]
[] 7 37 CFR 1.97(c): [before Final Office Action or Allowance, whichever is earlier]; and
[] 8 The required certification made in item 11 below; or
[] 9 The \$180.00 fee specified in 37 CFR § 1.17(p) for submission of this Information Disclosure Statement is authorized in item 14 below.
[] 10 37 CFR 1.97(d): [before issue fee payment]; and
- a) This is a petition for consideration of the subject Information Disclosure Statement. The petition fee (\$180.00) required by 37 CFR 1.17(i)(l) is authorized in item 14 below. (Direct this letter to: "Attention PETITIONS EXAMINER" and if applicable include batch locator information: e.g. "Allowed Files, Batch _____ Date of Allowance _____"), and
b) The required Certification is stated in item 11 below.

10/5/18874

DT01 Rec'd PCT/PTC 21 DEC 2004

[] 11 Certification

- [] 12 Each item of information in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; or
- [] 13 No item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing this document after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56(c) more than three (3) months prior to the filing of this Statement.
- [X] 14 Please charge all applicable fees associated with the submittal of this Information Disclosure Statement to Deposit Account No. 23-0920. An original and one (1) copy of this document are enclosed.

In the judgment of the undersigned, portions of the references may be material to the examination of the pending claims. However, the references have not been reviewed in sufficient detail to make any other representation and, in particular, no representation is intended as to the relative importance of any portion of the references or to whether the references are considered "analogous art." This Statement is not a representation that the cited references have effective dates early enough to be "prior art" within the meaning of 35 U.S.C. Section 102 or 103. This Information Disclosure Statement shall not be construed as an admission that the statement or cited references are, or are considered to be, material to the patentability under 37 C.F.R. Section 1.97(h).

Respectfully submitted,

WELSH & KATZ, LTD.


Eric D. Cohen
Reg. No. 38,110

WELSH & KATZ, LTD.
120 South Riverside Plaza
22nd Floor
Chicago, IL 60606
(312) 655-1500

December 21, 2004

CERTIFICATE OF MAILING

I hereby certify that his paper is being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on this date:

December 21, 2004
Date

~~Eric D. Cohen, Esq.~~
Registration No. 38,110
Attorney for Applicants

Form PTO-1449 (Rev. 8-88)		U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No. 93537	Serial No. 10/518874 To Be Assigned
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant	Roth	
		Filing Date (Herewith) December 21, 2004	Group No. To Be Assigned	

U.S. PATENT DOCUMENTS

Examiner Initial*		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
		2002/0008557 A1	01-24-02	Abdel-Maguid et al.			
		5,602,884	02-11-97	Wieczorkiewicz et al.			
		6,114,915	09-05-00	Huang et al.			
		6,222,407 B1	04-24-01	Gregor			
		6,259,330	07-10-01	Arai			

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner	Date Considered
----------	-----------------

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.